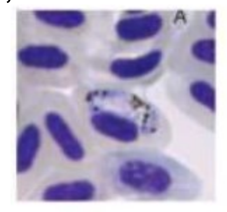


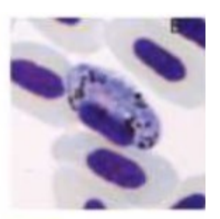
Biological collection Grupo de Estudios Relación Parásito Hospedero

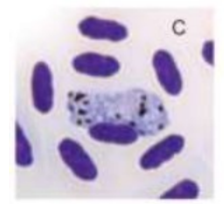
Haemoproteus (Parahaemoproteus) witti

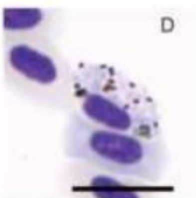
White, Bennett and Williams, 1979

Taxonomic hierarchy	
Domain	Eukarya
Kingdom	Chromista
Phylum	Apicomplexa
Class	Aconoidasida
Order	Haemosporida
Family	Haemoproteidae
Genus	*Haemoproteus*
Species	*Haemoproteus witti*









Typical stages of *H. witti* A) Young gametocyte B-C) Macrogametocytes D) Microgametocyte; Bar = 10 µm

Associated hosts	Type host	Additional hosts
Phylum	Chordata	Chordata
Class	Aves	Aves
Order	Apodiformes	Apodiformes
Family	Trochilidae	Trochilidae
Species	*Trochilus polytmus*	*Erionemis cupreoventris* *Erionemis derbyi* *Erionemis vestita*

Material deposited in GERPH collection					
Collection Number	GERPH:PA116 GERPH:OT805 GERPH:PA182	MalAvi, Linaje	TROAED20	GenBank	KF537296 KF537304
Department	Cundinamarca Risaralda	County	La Calera Pereira	Altitude	2100 – 2950 m. a. s. l.
Global Distribution	North and South America.			Specimen material	Blood smear and DNA
Main Characters	Is a Haemoproteidae species which usually infect Apodiformes, the gametocytes grow appressed to the nucleus of the infected erythrocyte, displacing it notoriously, the grown gametocyte slightly enclose the nucleus of the host cell without encircle completely. Average of 25 pigment granules are its distinctive feature.				
Pathology	Unknown	Vectors	Unknown		

Bibliography

Angie D. González, Ingrid A. Lotta, Luis F. García, Ligia I. Moncada, Nubia E. Matta Avian haemosporidians from Neotropical highlands: evidence from morphological and molecular data Parasitol.Int. 64 (2015) 48–59

Valkiūnas G (2005) Avian malaria parasites and other haemosporidia. CRC, Boca Raton

Contact
Nubia Matta Chief curator nemattac@unal.edu.co
Angie D. Gonzalez assistant curator adgonzalezg@unal.edu.co content reviewer
GERPH information icsti_nal@unal.edu.co
Compilers
Jorge Apache, Carolina Vargas-León, Angie Gonzalez

This document was supported by the project “Explorando la simbiosis hemoparásito-vertebrados silvestre a través de ejemplares de colección biológica, uso eficiente de biodiversidad colombiana" Hermes 50839, of Universidad Nacional de Colombia
First versión supported by
Departamento Administrativo de Ciencias, Tecnología e Innovación COLCIENCIAS (contract No. 556–2014 and 359-2011, project numbers 110152128340 and 110165944139), Vicerectoria de Investigación - Universidad Nacional de Colombia.